QN9080SIP-DK

Wireless Development Kit

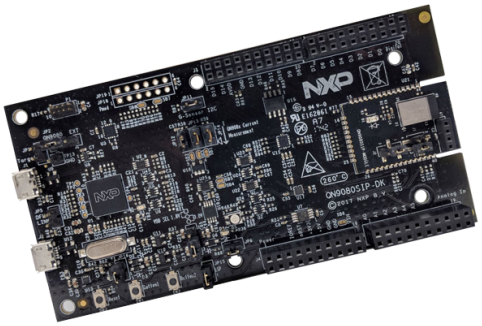
Product Overview

05-11-2021

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

NXP QN9080SIP-DK Wireless Development Kit contains a USB dongle, development board, and an NFC antenna. The Development board is built on QN9080 Bluetooth MCU and NT3H2211 NTAG is enabled by QN9080SIP, supporting Bluetooth 5, Generic FSK, NFC integrating RF matching, 32MHz and 32kHz crystals, and a 2.4GHz antenna. The buttons, switches, piezo buzzer, and LEDs for easy use are integrated by the development Kit that provides SWD/ JTAG and USB interface for debugging and it's form-factor is compatible with the Arduino pin layout for more expansion options. The USB dongle is a Bluetooth device powered by QN9080 that acts as a peripheral or central when communicating with the QN9080SIP development kit.



Features

- 2400MHz to 2483.5MHz RF frequency
- USB dongle for interaction with DK board
- Reuse all QN9080 tools
- Arduino interface
- PCB inverted NFC antenna
- Full MCU Xpresso support
- UART/I^2C/SPI/USB connectivity support
- CMSIS-DAP (default) and the J-Link interface for debugging

Kit Contents

- 1 QN9080SIP-DK development board
- 1 QN9080 USB dongle
- 1 NFC Antenna
- 1 USB cable

The information contained in this document should be used as a guideline only.

Mouser Part Number(s)

QN9080SIP-DK

To learn more, visit https://www.mouser.com/new/nxp-semiconductors/nxp-qn9080sip-dk-board/

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